

519, 274
2004

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
8 January 2004 (08.01.2004)

PCT

(10) International Publication Number
WO 2004/003712 A2

(51) International Patent Classification⁷: **G06F 1/00**

(21) International Application Number:
PCT/US2003/020379

(22) International Filing Date: 27 June 2003 (27.06.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/392,322 27 June 2002 (27.06.2002) US

(71) Applicant (*for all designated States except US*):
SNAP-ON TECHNOLOGIES INC. [US/US]; 420 Barclay Boulevard, Lincolnshire, IL 60069 (US).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **LEWIS, Brad, R. [US/US]; 1070 Fitzgerald Avenue, Gilroy, CA 95020 (US). MELHEM, Nina [US/US]; 3034 Colonial Way, Apartment 22, San Jose, CA 95128 (US).**

(74) Agent: **RUNYAN, Edward, K.; McDonnell Boehnen Hulbert & Berghoff, 300 South Wacker Drive, Suite 3200, Chicago, IL 60606 (US).**

(81) Designated States (*national*): AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG; SK (utility model), SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2004/003712 A2

(54) Title: UPDATING DIAGNOSTIC DEVICE SOFTWARE AND ENABLING FEATURES

(57) Abstract: A method of unlocking at least one feature of a diagnostic device. The method includes receiving, from a user, product-identifying information (such as serial number) for the diagnostic device. A server can then generate a software key that corresponds to the product-identifying information and transmit the software key to the user via a text-to-speech server to cause the software key to be spoken to the user. The user can enter the software key into the diagnostic device to unlock the at least one feature. The transaction can be initiated at the user's telephone, where the software key is also received, eliminating the need for a network-connected diagnostic device.